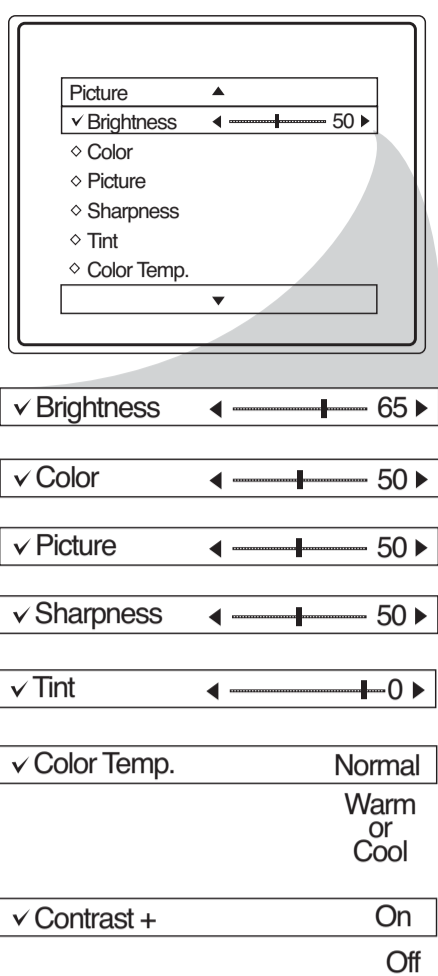




## 15 PICTURE MENU CONTROLS

To adjust your TV picture, select a channel and use the Picture Menu Controls listed below.

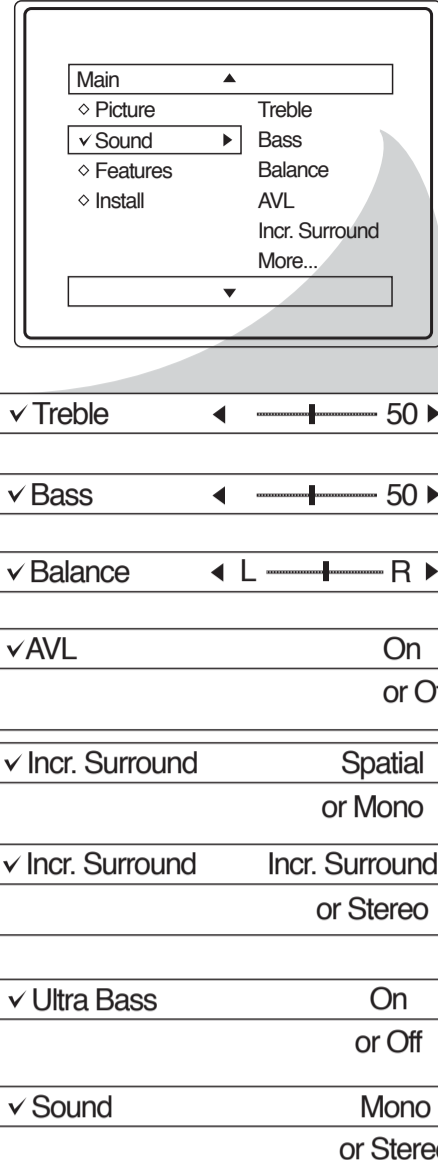
- BRIGHTNESS CONTROL** - Press the **CURSOR RIGHT** > or **LEFT** < buttons until the darkest parts of the picture are as bright as you prefer.
- COLOR CONTROL** - Press the **CURSOR RIGHT** > or **LEFT** < buttons to add or eliminate color.
- PICTURE CONTROL** - Press the **CURSOR RIGHT** > or **LEFT** < buttons until lightest parts of the picture show good detail.
- SHARPNESS CONTROL** - **CURSOR RIGHT** > or **LEFT** < buttons to improve detail in the picture.
- TINT CONTROL** - Press the **CURSOR RIGHT** > or **LEFT** < buttons to obtain natural skin tones.
- COLOR TEMP CONTROL** - Press the **CURSOR RIGHT** > or **LEFT** < buttons to select NORMAL, COOL, or WARM picture preferences. (NORMAL will keep the whites, white, COOL will make the whites, bluish and WARM will make the whites, reddish.)
- CONTRAST + CONTROL** - Press the **CURSOR RIGHT** > or **LEFT** < buttons to toggle the control On or OFF. The Contrast + control helps to "sharpen" the picture quality. The black portions of the picture become richer in darkness and the whites become brighter.



## 16 SOUND MENU CONTROLS

To adjust your TV sound, select and use the Sound Menu Controls listed below.

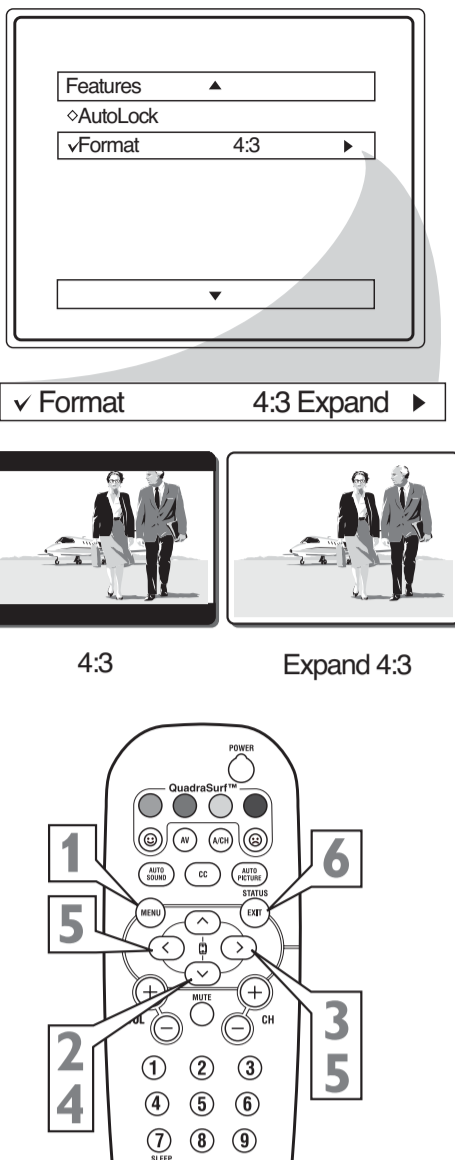
- TREBLE**: Press the **CURSOR RIGHT** > or **LEFT** < buttons to adjust the control. The control will enhance the high frequency sounds.
- BASS**: Press the **CURSOR RIGHT** > or **LEFT** < buttons to adjust the control. The control will enhance the low frequency sounds.
- BALANCE**: Press the **CURSOR RIGHT** > or **LEFT** < buttons to adjust the level of sound coming from the left and right speakers.
- AVL** (Auto Volume Leveling) Press the **CURSOR RIGHT** > or **LEFT** < buttons to turn the control On or Off. When On, AVL will level out the sound being heard when sudden changes in volume occur during commercial breaks or channel changes.
- INCR. SURROUND**: Press the **CURSOR RIGHT** > or **LEFT** < buttons to select between Incr. Surround or Stereo settings (If Stereo), or select Spatial or Mono (If Mono).
- ULTRA BASS**: Press the **CURSOR RIGHT** > or **LEFT** < buttons to turn Ultra Bass On or Off. Ultra Bass will enhance the low frequency sound.
- SOUND**: Press the **CURSOR RIGHT** > or **LEFT** < buttons to select between Stereo or Mono settings. Note: If Stereo is not present on a selected show and the TV is placed in the Stereo mode, sound coming from the TV will remain in the Mono mode.



## 17 THE 4:3 EXPAND FORMAT CONTROL

Many times while watching movies from DVD while the image is shown in "letter box" format. This is the format that is shown in movie theaters when shown on a TV screen, the image will have areas of black on top and bottom of the screen.

- Press the **MENU** button on the remote to display the on-screen menu.
- Press the **CURSOR DOWN** V button until the word **Features** is highlighted.
- Press the **CURSOR RIGHT** > button to display the **Features** menu options (AutoLock or Format).
- Press the **CURSOR DOWN** V button until the word **Format** is highlighted.
- Press the **CURSOR RIGHT** > or **LEFT** < buttons to select one of the two options 4:3 or Expand 4:3.
- When finished, press the **STATUS/EXIT** button to remove the menu from the TV's screen.



Note: The Expand 4:3 format can also be activated using the **CURSOR UP** A or **DOWN** V buttons when the onscreen menu is not being displayed. Pressing these buttons will toggle the standard 4:3 format and the Expand 4:3 format.

## 18 UNDERSTANDING AUTOLOCK CONTROLS

The AutoLock™ feature is an integrated circuit that receives data sent by broadcasters, or other program providers, that contain program content advisories. When programmed by the viewer, a TV with AutoLock™ can respond to the content advisories and block program content that may be found objectionable (such as offensive language, violence, sexual situations, etc.). This is a great feature to censor the type of viewing children may watch.

**AutoLock™ offers various BLOCKING controls which can be chosen:**

**Access Code** - An Access Code must be set to prevent children from unblocking questionable or censored programming set by their parents.

**Channel Block** - After an access code has been programmed, you can block individual channels including the A/V inputs.

**Clear All** - Allows you clear all channels being blocked from your viewing set with the Channel Block Control.

**Block All** - Allows you to block ALL channels and A/V inputs at one time.

**Movie Ratings** - Certain blocking options exist which will block programming based on ratings patterned by the Motion Pictures Association of America.

**TV Ratings** - Just like the Movie Ratings, programs can be blocked from viewing using standard TV ratings set by TV broadcasters.

**MOVIE RATINGS**

**G: General Audience** - All ages admitted. Most parents would find this program suitable for all ages.

**PG: Parental Guidance Suggested** - This programming contains material that parents may find unsuitable for younger children.

**PG-13: Parents Strongly Cautioned** - This programming contains material that parents may find unsuitable for children under the age of 13.

**MOVIE RATINGS Continued**

**R: Restricted** - This is programming is specifically designed for adults. Anyone under the age of 17 should only view this programming with an accompanying parent or adult guardian.

**NC-17: No one under the age of 17 will be admitted.** - This type of programming should be viewed by adults only.

**X: Adults Only** - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, very coarse and intensely suggestive language.

**TV RATINGS**

**TV-Y** -- Designed for a very young audience, including children ages 2-6.

**TV-Y7** -- It may be appropriate for children age 7 and above who have acquired the development skills needed to distinguish between make-believe and reality.

**TV-G** -- Suitable for most audiences, this type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

**TV-PG** -- This program contains material that parents may find unsuitable for younger children. Could contain Moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).

**TV-14** -- This program contains some material that parents would find unsuitable for children under 14 years of age. This type of programming contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).

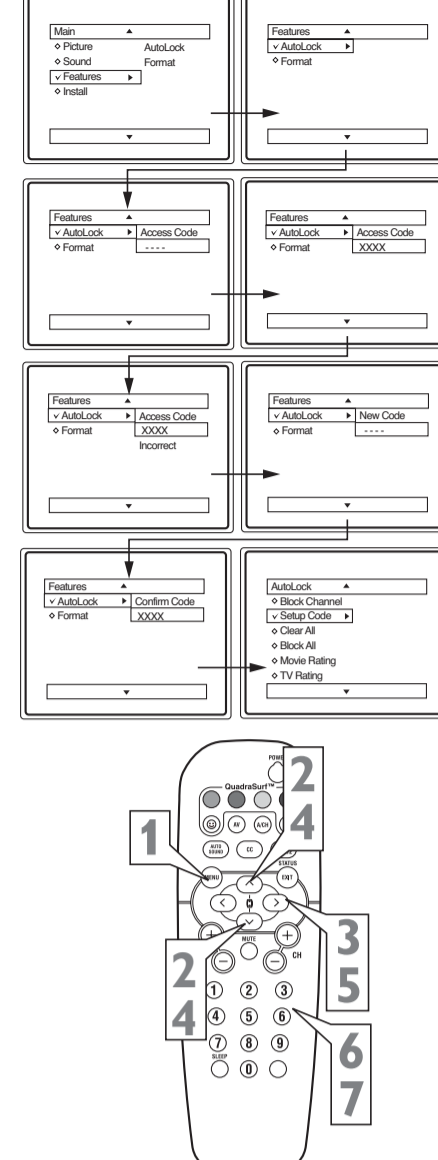
**TV-MA** -- This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17. This type of programming contains one or more of the following: graphic violence (V), explicit sexual situations (S), or crude indecent language (L).

## 19 SETTING UP AN ACCESS CODE

Over the next few panels you'll learn how to block channels and get a better understanding of the rating terms for certain programming.

First, let's start by learning how to set a personal access code:

- Press the **MENU** button on the remote to display the on-screen menu.
- Press the **CURSOR UP** A or **DOWN** V buttons until the word **Features** is highlighted.
- Press the **CURSOR RIGHT** > button to display the **FEATURES** menu options.
- Press the **CURSOR UP** A or **DOWN** V buttons until the words **AUTOLOCK™** are highlighted.
- Press the **CURSOR RIGHT** > button. The screen will read, "ACCESS CODE - - - -".
- Using the **NUMBERED** buttons, enter 0, 7, 1, 1. "XXXX" appears on the Access Code screen as you press the numbered buttons.
- When finished, press the **STATUS/EXIT** button to remove the menu from the screen.



Note: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.

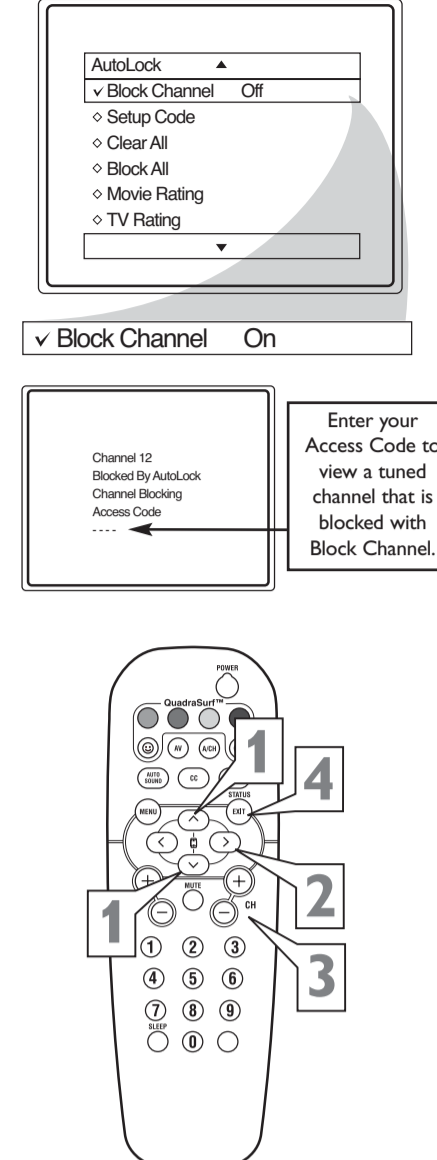
## 20 BLOCK CHANNELS

After your personal access code has been set (see previous page), you are now ready to select the channels or the A/V inputs you want to block out or censor.

Once you've entered your access code and the AutoLock™ features are displayed on the screen:

- Press the **CURSOR UP** A or **DOWN** V buttons until the words **BLOCK CHANNELS** are highlighted.
- Press the **CURSOR RIGHT** > button to turn blocking ON or OFF for that channel. When ON is selected the channel will be blocked.
- Press the **CH +** or **CH -** button to select other channels you wish to block. Repeat step 9 to block the new channel.
- When finished, press the **STATUS/EXIT** button to remove the menu from the screen.

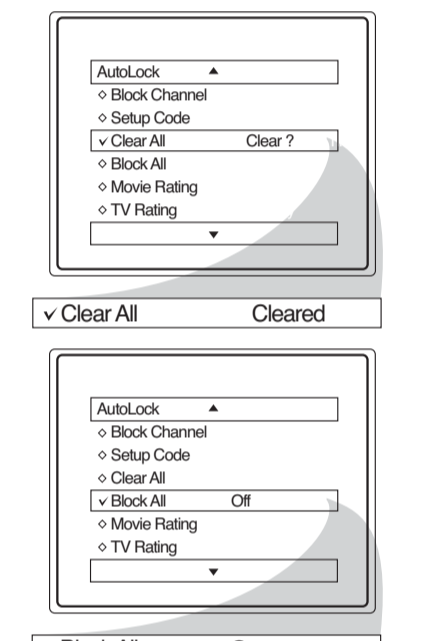
Note: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.



## 21 BLOCK/CLEAR ALL CHANNELS AT THE SAME TIME

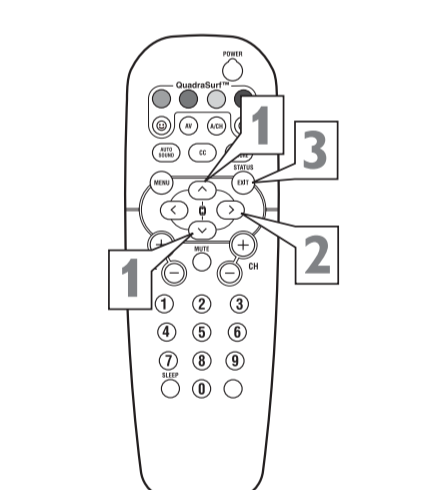
After blocking specific channels there may come a time when you want to block or clear all the channels at the same time.

- Press the **CURSOR UP** A or **DOWN** V buttons to select either **CLEAR ALL** or **BLOCK ALL**.
- If **CLEAR ALL** is selected, press the **CURSOR RIGHT** > button to clear all blocked channels. All channels will be viewable.
- If **BLOCK ALL** is selected, press the **CURSOR RIGHT** > button to turn the control ON or OFF. When ON is selected, ALL available channels will be blocked from viewing.



- When finished, press the **STATUS/EXIT** button to remove the menu from the screen.

Note: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.



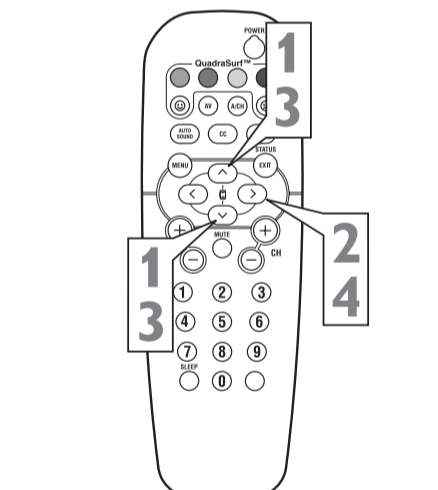
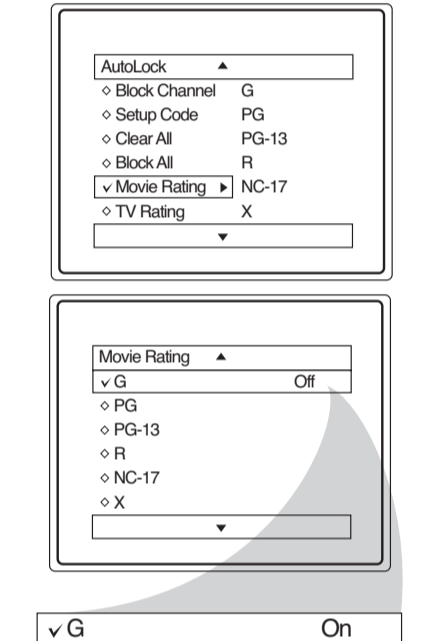
## 22 MOVIE RATINGS

The AutoLock™ feature can block programming based on the Movie Industry ratings.

- Press the **CURSOR UP** A or **DOWN** V buttons to highlight the words **MOVIE RATING**.
- Press the **CURSOR RIGHT** > button to display the **MOVIE RATING** options (G, PG, PG-13, R, NC17, or X).
- Press the **CURSOR UP** A or **DOWN** V buttons to highlight any of the Movie Rating options. When highlighted, all these options can be turned ON (which will allow blocking) or OFF (which will allow viewing).
- Use the **CURSOR RIGHT** > button to turn the rating option ON or OFF.

When a rating level is chosen to be blocked, any higher level rating will also be blocked from viewing. (i.e.: If "R" is selected to be blocked, NC-17 and X will automatically be blocked.)

Note: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.



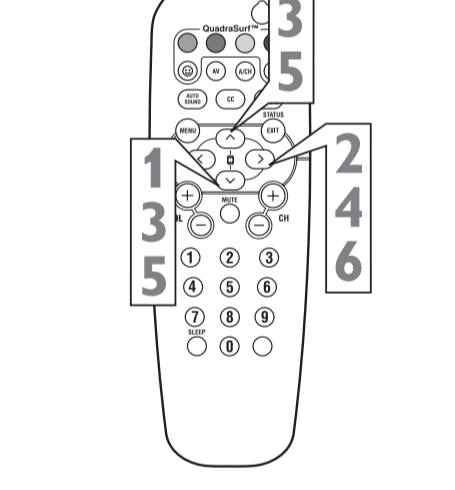
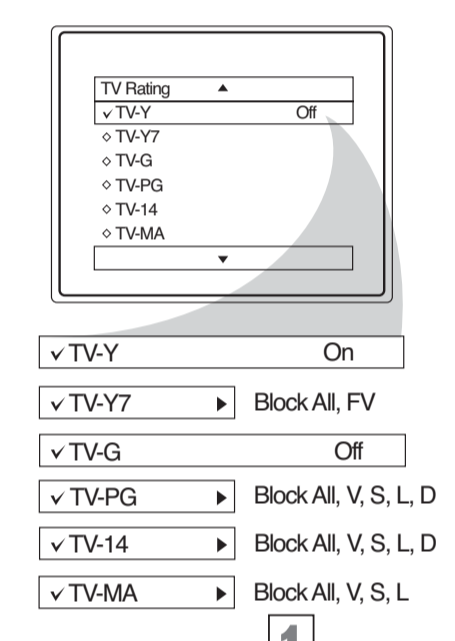
## 23 TV RATINGS

The AutoLock™ feature can block programming based on the TV Industry ratings.

- Press the **CURSOR UP** A or **DOWN** V buttons to highlight the words **TV RATING**.
- Press the **CURSOR RIGHT** > button to display the **TV RATING** options (TV-Y, TV-Y7, TV-G, TV-PG, TV-14, or TV-MA).
- Press the **CURSOR UP** A or **DOWN** V buttons to highlight any of the TV Rating options. When highlighted, all these options can be turned ON (which will allow blocking) or OFF (which will allow viewing).

Note: Some TV RATING options also have sub-ratings. The ratings of TV-Y7, TV-PG, TV-14, TV-MA can be customized to block V (violence), FV (fantasy violence), S (sexual situations), L (coarse language), or D (suggestive dialogue).

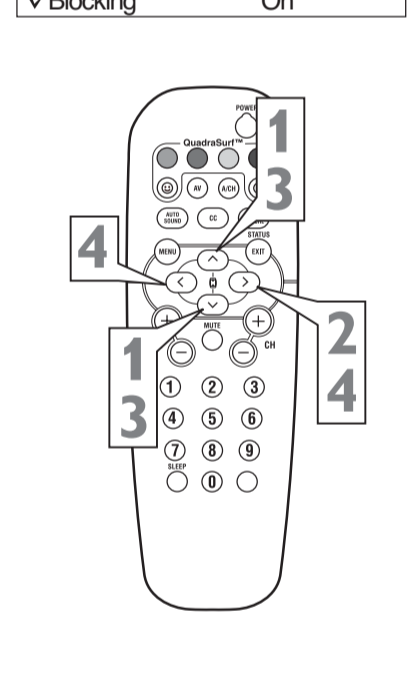
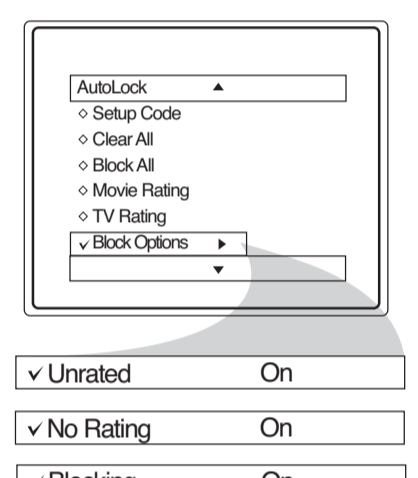
- Press the **CURSOR RIGHT** > button on the remote to turn the TV-Y or TV-G rating ON or OFF. Or, press the **CURSOR RIGHT** > button to enter the sub-menus for the TV-Y7, TV-PG, TV-14 or TV-MA sub-menus. If accessed, press the **CURSOR UP** A or **DOWN** V buttons to select one of the options (Block All, V, S, L, D, or FV).
- Press the **CURSOR RIGHT** > button on the remote to turn the option ON or OFF.



## 24 BLOCKING OPTIONS

AutoLock™ offers the viewer other blocking features as well. With these Blocking Options, the censoring can be turned ON or OFF.

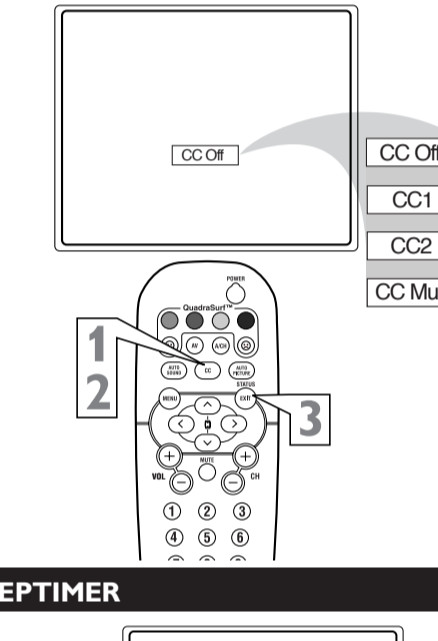
- Press the **CURSOR UP** A or **DOWN** V buttons until the words **BLOCKING OPTIONS** are highlighted.
- Press the **CURSOR RIGHT** > button to display the **Blocking Options (BLOCKING, UNRATED, or NO RATING)** menu.
- Press the **CURSOR UP** A or **DOWN** V buttons to highlight the desired feature.
- When highlighted, each feature can be turned ON or OFF using the **CURSOR RIGHT** > or the **CURSOR LEFT** < buttons on the remote.



## 25 CLOSED CAPTIONING

Closed Captioning (CC) allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen "text boxes" to show dialogue and conversations while the TV program is in progress.

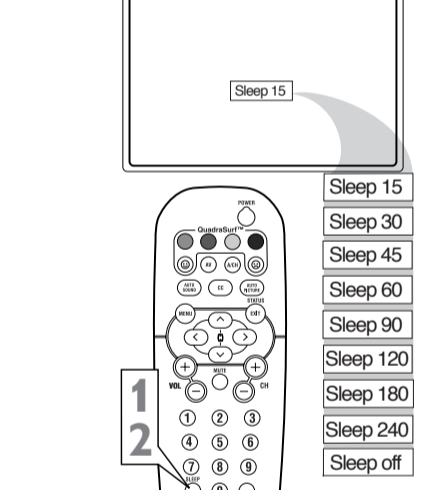
- Press the **CC** button on the remote to display the current Closed Captioning setting.
- Press the **CC** button repeatedly to select either **PERSONAL MOVIES, SPORTS, WEAK SIGNAL, or MULTIMEDIA** picture settings.
- When finished, press the **STATUS/EXIT** button to remove the menu from the TV's screen.



Your TV can be set to automatically turn itself off at a given amount of time.

- Press the **SLEEP** button on the remote control and the **SLEEP** timer display will appear on the screen.
- Press the **SLEEP** button repeatedly to pick the amount of time (15, 30, 45, 60, 90, 120, 180, or 240 minutes) before the TV will turn itself off.

Note: An on-screen count down will appear during the last minute before the TV shuts itself off. If any button is pressed during the last minute of the countdown, the Sleep timer setting will be cancelled.

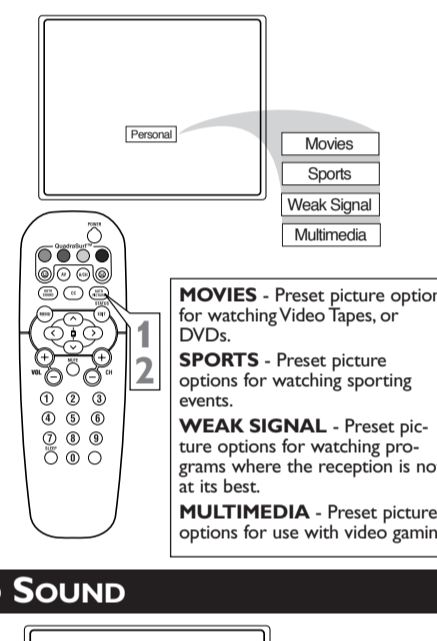


## 26 AUTO PICTURE

Whether you're watching a movie or a sporting event, your TV has automatic video control settings matched for your current program source or content.

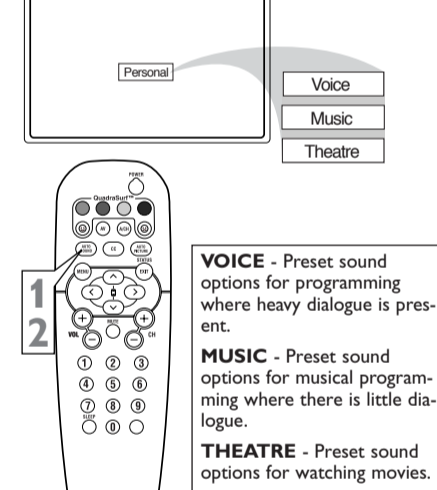
- Press the **AUTO PICTURE** button on the remote control. The current Auto Picture setting will be displayed on the screen.
- Press the **AUTO PICTURE** button repeatedly to select either **PERSONAL MOVIES, SPORTS, WEAK SIGNAL, or MULTIMEDIA** picture settings.

Note: The way you choose to set the Picture Menu Controls will become your **PERSONAL** setting.



- Press the **AUTO SOUND** button on the remote control. The current Auto Sound setting will appear in the middle of the screen.
- Press the **AUTO SOUND** button repeatedly to toggle between the four settings: **PERSONAL, MUSIC, VOICE, or THEATRE**.

Note: The way you choose to set the Sound Menu Controls will become your **PERSONAL** setting.



## 27 QUADRASURF

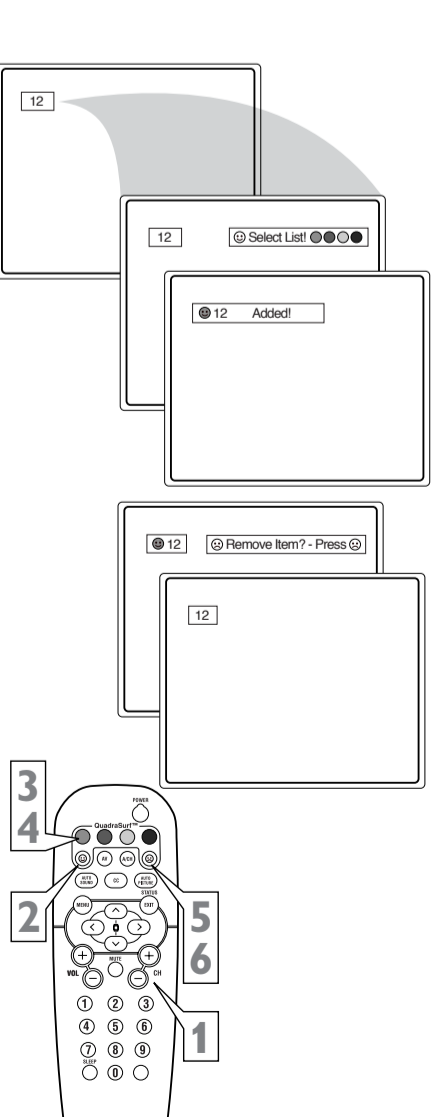
The QuadraSurf™ control allows you set up four different personal channel Surf lists using the colored buttons (on the remote control), each holding up to ten channels in its "quick viewing" list.

- Press the **CHANNEL (+) or (-) buttons** (or the **NUMBER** buttons) to select a channel to add to one of the SURF lists.
- Press the **SMILEY** ☺ button on the remote control to ADD the channel to one of the SURF lists.
- Press the corresponding **COLOR** (Red, Green, Yellow or Blue) button to add the channel to that button's Surf list. (Up to ten channels per button can be stored.)

Repeat steps 1 through 3 to add additional channels (up to 10) to each of the SURF lists.

- Press the **COLOR** Quadra Surf button until the desired channel appears. The screen will display the channel number with a colored "Smiley" face to indicate the Colored button it relates to.
- While the "Smiley" face channel indicator is displayed, press the **FROWNIE** ☹ button. The screen will read, "Remove item? - Press [ ]".
- Press the **FROWNIE** ☹ button again to confirm your decision to remove the channel from the Surf list.

Repeat steps 4-6 to remove other channels from Surf lists.



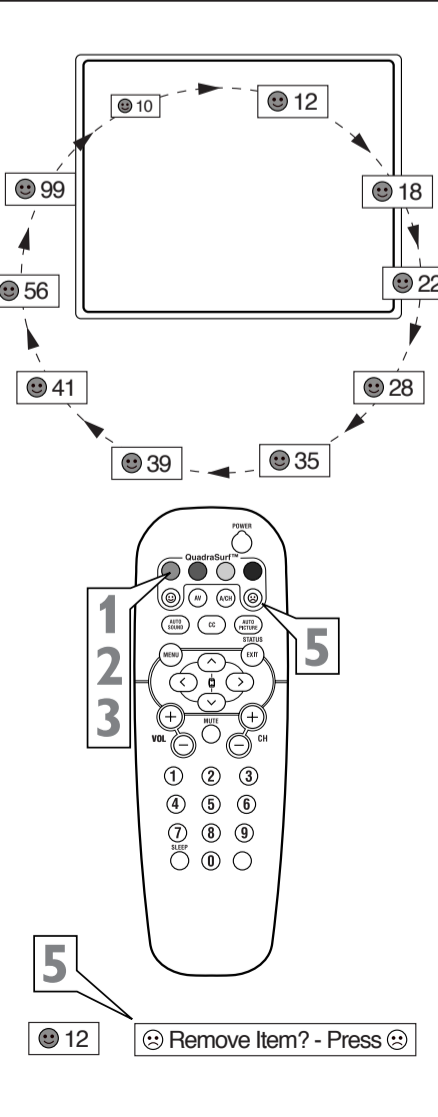
## 28 QUADRASURF

The Quadra Surf buttons on your remote control allow you to store up to 10 channels per button (40 total). You can even program the A/V input channels for each button making them a "source" button.

- Press one of the pre-programmed **COLOR** buttons on the remote (Red, Green, Yellow or Blue). The screen will display a smiley face with the first programmed channel for that Surf list.
- While the colored "smiley" face still appears on the screen, press the same **COLOR** button on the remote to tune the second channel programmed for that specific Surf list.
- Repeatedly pressing the same **COLOR** button while the "smiley" face appears will tune all the programmed channels. Pressing the **COLOR** button again will return you to the first channel in the list.

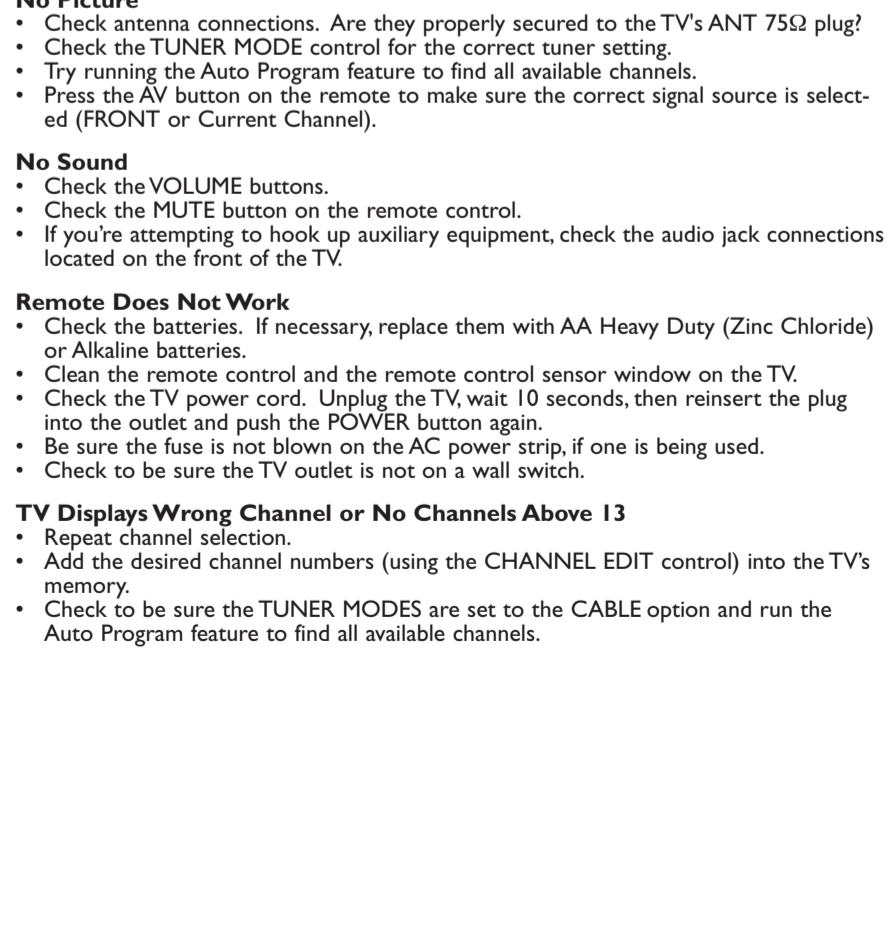
If the "smiley" face disappears from the screen and the same **COLOR** button is pressed, the surf channels will be displayed starting with the **FIRST** programmed channel again.

- Repeat steps 1-3 for the other three **COLOR** buttons (Surf lists) if desired.
- Any time the "smiley" face appears with the channel number, pressing the "frownie" face button will allow you to remove it from the list (see the previous page for more details).



## 29 TROUBLESHOOTING

- No Power**
  - Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the **POWER** button again.
  - Check that the outlet is not on a wall switch.
  - Be sure the fuse is not blown on the AC power strip, if one is being used.
- No Picture**
  - Check antenna connections. Are they properly secured to the TV's ANT 75Ω plug?
  - Check the **TUNER MODE** control for the correct tuner setting.
  - Try running the Auto Program feature to find all available channels.
  - Press the **AV** button on the remote to make sure the correct signal source is selected (FRONT or Current Channel).
- No Sound**
  - Check the **VOLUME** buttons.
  - Check the **MUTE** button on the remote control.
  - If you're attempting to hook up auxiliary equipment, check the audio jack connections located on the front of the TV.
- Remote Does Not Work**
  - Check the batteries. If necessary, replace them with AA Heavy Duty (Zinc Chloride) or Alkaline batteries.
  - Clean the remote control and the remote control sensor window on the TV.
  - Check the TV power cord. Unplug the TV, wait 10 seconds, then reinsert the plug into the outlet and push the **POWER** button again.
  - Be sure the fuse is not blown on the AC power strip, if one is being used.
  - Check to be sure the TV outlet is not on a wall switch.
- TV Displays Wrong Channel or No Channels Above 13**
  - Repeat channel selection.
  - Add the desired channel numbers (using the **CHANNEL EDIT** control) into the TV's memory.
  - Check to be sure the **TUNER MODES** are set to the **CABLE** option and run the Auto Program feature to find all available channels.



## 30 PHILIPS LIMITED WARRANTY

**90 Days Labor & One (1) Year Parts & Two (2) Years Display**

**PHILIPS CONSUMER ELECTRONICS** warrants this product against defect in material or workmanship, subject to any conditions set forth as follows:

**PROOF OF PURCHASE:** You must have proof of the date of purchase to receive warranted repair on the product. A sales receipt or other document showing the product and the date that you purchased the product as well as the authorized repairer included, is considered such proof.

**COVERAGE:** (If the product is determined to be defective)

**LABOR:** For a period of ninety (90) days from the date of purchase, Philips will repair or replace the product, at its option, at no charge, or pay the labor charges to any Philips authorized repair facility after the period of ninety (90) days. Philips will no longer be responsible for charges incurred.

**PARTS:** For a period of one (1) year from the date of purchase, Philips will supply at no charge, new or rebuilt replacement parts in exchange for defective parts. Philips authorized service centers will provide removal and installation of the part under the specified labor warranty.

**DISPLAY:** For a period of two (2) years from the date of purchase, Philips will supply at no charge, a new or rebuilt active display device in exchange for the defective display. Philips authorized service centers will provide removal and installation of the parts under the specified labor warranty.

**EXCLUDED FROM WARRANTY COVERAGE** Your warranty does not cover:

- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Philips.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized or repair of products damaged by these modifications.
- Damage occurring to product during shipping when improperly packaged or cost associated with packaging.
- Product lost in shipment and no signature verification of receipt can be provided.
- A product used for commercial or institutional purposes (including but not limited to rental purposes).
- Products sold AS IS or RENEWED.

**REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY FOR THE CONSUMER. PHILIPS SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.**

Some states do not allow the exclusions or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract agreement with the PHILIPS partnership within ninety (90) days of the date of sale, the limitation on how long an implied warranty lasts does not apply.

**PHILIPS LIMITED WARRANTY SERVICE IN THE U.S.A., PUERTO RICO, OR U.S. VIRGIN ISLANDS...**  
Contact: Philips Customer Care Center at: 1-888-PHILIPS (1-888-744-5477)

**TO OBTAIN WARRANTY SERVICE IN CANADA...**  
1-800-861-8182 (French Speaking)  
1-888-PHILIPS (1-888-744-5477) - (English or Spanish Speaking)